INDEX

Abducens nerve, anomaly, 620
Africa, Southern and Coxsackie virus, 289
Alcohol, ethyl and nitrogen excretion, rat, 124
Andrewes, C. H.: The taxonomic position of common cold viruses and some others, 200
Anomalous infrahyoid muscle, 522
Anomaly, abducens nerve, 620
Appetite, influence of weight and fat, 598
Appointment breaking in a pediatric clinic, 117
Argentina, poliomyelitis, 399
Arthropod-borne viruses and man, 304

Badgley, R. F. and Furnal, M. A.: Appointment breaking in a pediatric clinic, 117
Beck, D., Freedman, L. R., Levitin, H., Ferris, T. F., and Epstein, F. H.: Effect of experimental pyelonephritis on the renal concentrating ability of the rat, 52
Beck, D. (see Freedman, L. R.)
Benoit, J.: Opto-sexual reflex in the duck: physiological and histological aspects, 97
Bernstein, D. (see Kleeman, C. R.)
Book Reviews
Allen, J. M., Ed.: The molecular control of cellular activity, 631
Biochemical Society Symposium: The biochemistry of mucopolysaccharides of connective tissue, Clark, F. and Grant, J. K., Eds., 533
Bush, I. E.: The chromatography of steroids, 634
Cameron, Sir Roy and Spector, W. G.: The chemistry of the injured cell, 530
Ciba Foundation Symposia: Problems of pulmonary circulation, de Rueck, A. V. S. and O'Connor, M., Eds., 154 Somatic stability in the newly born, Wolstenholme, G. E. W. and O'Connor, M., Eds., 630
Cosslett, V. E. and Nixon, W. C.: X-ray microscopy, 532
Dalldorf, G., Ed.: Fungi and fungous diseases, 632
Farr, L. E., Knipping, H. W. and Lewis, W. H.: Nuklearmedizin in der klinik, 635
Forster, F. M., Ed.: Evaluation of drug therapy, 154
Genetics: Josiah Macy, Jr. Foundation Conference: Genetic information and the control of protein structure and function, Sutton, H. E., Ed., 155
Goitre Conference (4th International) Transactions: Advances in thyroid research, Pitt-Rivers, R., Ed., 527
Gray, C. H. and Bacharach, A. L. Eds.: Hormones in blood, 150
Greep, R. O. and Talmage, R. V., Eds.: The parathyroids, 148
Harris, R. J. C., Ed.: Biological approaches to cancer chemotherapy, 635
Hartmann, H.: Psychoanalysis and moral values, 73
Hieger, I.: Carcinogenesis, 151
Ingram, V. M.: Hemoglobin and its abnormalities, 527
Khorana, H. G.: Some recent developments in the chemistry of phosphate esters of biological interest, 153
Lewis, E. B., Ed.: Genetics and evolution — Selected papers of A. H. Sturtevant, 528
McLean, F. C. and Urist, M. R.: Bone: an introduction to the physiology of skeletal tissue, 150
Natelson, S.: Microtechniques of clinical chemistry, 2nd. ed., 529
Raffel, S.: Immunity, 2nd ed., 629
Reshevsky, N.: Mathematical principles in biology and their applications, 152
Smelser, G. K., Ed.: The structure of the eye, 530
Sparrow, F. K., Jr.: Aquatic phycomycetes, 2nd ed., and enlarged, 72
Stavraky, G. W.: Supersensitivity following lesions of the nervous system, 634
Sutton, H. E.: Genes, enzymes and inherited diseases, 633
Brazil, poliomyelitis, 399
Buchanan, D. L. and Rollins, J. M.: Lack of correlation between gout and the incorporation of isotopic formate into uric acid, 31
Burnet, F. M.: Cellular aspects of immunology as manifested in the Simonsen reaction, 207

Calcium, diffusable, renal clearance and parathyroid glands, 1
Campbell E. S. (see Quinn, R. W.)
Capillary, pulmonary and fluid interchange in lung edema, 75
Cartilage, articular and plasmin, 524
Cellular aspects of immunology as manifested in the Simonsen reaction, 207
Cerebellar ataxia associated with poliovirus infection, 219
Children, heart disease, 370
Chile, poliomyelitis, 399
Chamberlin, H. R. (see Curnen, E. C.)
Chrisman, O. D., Southwick, W. O. and Fessel, J. M.: Plasmin and articular cartilage, 524
Clinic, appointment breaking, 117
Cohart, E. M., White, C., Wilson, C. C., Howe, K. H., Pearson, R. J. C., Gerende, L. J., and Gerende, J. H.: The 1961 Middletown oral poliovirus vaccine program. III. Factors influencing the acceptance of oral poliovirus vaccine, 455
Cohn, C. and Joseph, D.: Influence of body weight and body fat on appetite of "normal" lean and obese rats, 598
Cold viruses and taxonomic position, 200
Coxsackie viruses, Group A propagation in tissue culture, 421
infections in South Africa, 289
Curnen, E. C. and Chamberlin, H. R.: Acute cerebellar ataxia associated with poliovirus infection, 219
Cyst, mesonephric duct, 144

Dalldorf, G.: A great experiment, 234
Denervation, sensory, and electroencephalographic studies, 592
Dierwechter, R. A.: Inhibition of mammary growth by high doses of estrogen, 608
Dowling, J. T. (see Kleeman, C. R.)
Dyes, vital and viruses, 340

Edema, lung and fluid interchange, 75
Electroencephalographic studies during acute subtotal sensory denervation in man, 592

Enders, J. F.: Vaccination against measles; Francis Home redivivus, 239
Eosinophilia, and post-cardiotomy syndrome, 625
Epstein, F. H. (see Beck, D.)
Estrogen, inhibition of mammary growth, 608
Euler, Leo H. von: Mesonephric duct cyst in a newborn, 144
Evans, A. S.: *Infectious mononucleosis.* Observations from a public health laboratory, 261
Experimental pyelonephritis, bacteriological course, morphological consequences, pathological changes, 40
on the renal concentrating ability of the rat, 52
Extracellular reactions, viruses and vital dyes, 340

Fat and weight, influence on appetite, (rats), 598
Ferris, T. F. (see Beck, D.)
Fessel, J. M. (see Chrisman, O. D.)
Fever, acute rheumatic, latent period, 386
and a post-cardiotomy syndrome, 625
Field, A. S., Jr. (see Gray, F. D., Jr.)
Fluid interchange at the pulmonary capillary wall in lung edema, 75
Formate, isotopic, and uric acid in gout, 31
Francis, T., Jr.: Problems of acute respiratory disease, 191
Freedman, L. R., Werner, A. S., Beck D., and Paplanus, S.: Experimental pyelonephritis. IX. The bacteriological course and morphological consequences of staphylococcal pyelonephritis in the rat, with consideration of the specificity of the pathological changes observed, 40
Freedman, L. R. (see Beck, D.)
Furnal, M. A. (see Badgley, R. F.)

Gamma globulin, prevention in hepatitis, 329
Gard, S.: Exit poliomyelitis—what next? 277
Gear, J.: Coxsackie virus infections in Southern Africa, 289
Gerende, J. H. (see Cohart, E. M.)
Gerende, L. J. (see Cohart, E. M.)
Glaser, G. H. (see Huvos, M. C.)
Glenn, W. W. L. (see Perillie, P. E.)
Globulin, gamma, prevention in hepatitis, 329
Gordillo, G., Vithayathil, P. J., and Richards, F. M.: A practical preparation of ribonuclease-S and the action of subtilisin on ribonuclease-B, 582
Gordon, J. E.: Population problems in a contracting world, 60
Gout and the incorporation of isotopic formate into uric acid, 31
Gray, F. D., Jr. and Field, A. S., Jr.: Fluid interchange at the pulmonary capillary wall in lung edema, 75
Greene, N. M. (see Huvos, M. C.)

Hammon, W. McD.: Global importance of the arthropod-borne viruses affecting man, 304
Havens, W. P., Jr: Viral hepatitis, 314
Heart disease, in children, survey in Nashville, Tennessee, 370
ischaemic, and epidemiology, 359
Hepatitis, infectious, and gamma globulin, 329
viral, 314
Home, Francis, measles vaccination, 239
Horstmann, D. M.: Forward to John Rodman Paul Festschrift, 161
Horstmann, D. M. (see Miller, D. G.)
Horstmann, D. M. (see Pearson, R. J. C.)
Howe, K. H. (see Cohart, E. M.)
Howe, K. H. (see Pearson, R. J. C.)
Huvos, M. C., Greene, N. M., and Glaser, G. H.: Electroencephalographic studies during acute subtotal sensory denervation in man, 592

Immunology, cellular aspects and Simonsen reaction, 207
effectiveness of oral poliovirus vaccine (two dose), 505
of pathogenic staphylococci, 560
Infectious hepatitis: current status of prevention with gamma globulin, 329
Infectious mononucleosis. Observations from a public health laboratory, 261
Infrahyoid muscle, anomalous, 522
Intracellular and extracellular reactions of viruses with vital dyes, 340
Ischaemic heart disease, epidemiological aspects, 359

Joseph, D. (see Cohn, C.)

Kantor, F. S.: Renal glomerular lesions in mice following injection of streptococcal M protein, 70
Kidney, renal clearance of diffusible calcium, 1
glomerular lesions in mice, 70
renal concentration in experimental pyelonephritis, 52
Klatskin, G. A.: The effect of ethyl alcohol on nitrogen excretion in the rat, 124
Kleeman, C. R., Bernstein, D., Rockney, R., Dowling, J. T., Maxwell, M. H.: Studies on the renal clearance of diffusible calcium and the role of the parathyroid glands in its regulation, I
Koenig, M. G.: Factors relating to the virulence of staphylococci. I. Comparative studies on two colonial variants, 537
Krugman, S. and Ward, R.: Infectious hepatitis: current status of prevention with gamma globulin, 329

Lenahan, M. F. (see Wenner, H. A.)
Leppi, T. J.: An anomalous infrahyoid muscle, 522
Levitin, H. (see Beck, D.)
Lung, edema and fluid interchange, 75
Lymphocytosis, and post-cardiotomy syndrome, 625

Mammary growth, inhibition by estrogen, 608
Maxwell, M. H. (see Kleeman, C. R.)
Mayor, H. D. and Melnick, J. L.: Intracellular and extracellular reactions of viruses with vital dyes, 340
Measles, vaccination, 239
Melly, M. A. (see Rogers, D. E.)
Melnick, J. L. (see Mayor, H. D.)
Mesonephric duct cyst in a newborn, 144
Middletown (1961) oral poliovirus vaccine program, 439-521
Miller, David G., Opton, E. M., Horstmann, D. M.: The 1961 Middletown oral poliovirus vaccine program. VIII. Immunological effectiveness of the two dose schedule, 505
Miller, D. G. (see Pearson, R. J. C., 447, 478, 483, 492, 498)
Mononucleosis, infectious, 261

INDEX

Morris, J. N.: Epidemiological aspects of ischaemic heart disease, 359
Muscle, anomalous infrahyoid, 522

Nerve, abducens, anomaly, 620
Newborn, mesonephric duct cyst, 144
Nitrogen, excretion and effect of ethyl alcohol, 124

Opton, E. M. (see Miller, D. G.)
Opto-sexual reflex in the duck, 97

Palmieri, M. L. (see Pearson, R. J. C., 447, 478, 483, 492, 498)
Paplanus, S. (see Freedman, L. R.)
Parathyroid glands and renal clearance of calcium, 1
Paul, J. R., bibliography of, 181
Festschrift, 161
Forward to 1961 Middletown oral poliovirus study—with review of past experiences of Yale poliomyelitis study unit with oral poliovirus vaccines, 439
remembrances from his notebook, 162
Payne, A. M.-M. (see Pearson, R. J. C.)
Pearson, R. J. C., Howe, K. H., Miller, D. G., and Palmieri, M. L.: The 1961 Middletown oral poliovirus vaccine program. IV. Public education prior to vaccine administration, 478.
Pearson, R. J. C., Miller, D. G., Palmieri, M. L., Payne, A. M.-M., Paul, J. R., Horstmann, D. M.: The 1961 Middletown oral poliovirus vaccine program. II. Scope, planning and initial steps, 447
Pearson, R. J. C., Miller, D. G. and Palmieri, M. L.: The 1961 Middletown oral poliovirus vaccine program. V. Administration of vaccine, 483
VI. Proportion of children vaccinated, 492
VII. Reactions to the oral vaccine, 498
Pearson, R. J. C. (see Cohart, E. M.)
Pediatric, clinic appointment breaking, 117
Perillie, P. E. and Glenn, W. W. L.: Fever, splenomegaly, lymphocytosis and eosinophilia: a new post-cardiotomy syndrome, 625
Plasmin and articular cartilage, 524
Poliomyelitis in Brazil, Uruguay, Argentina, Chile, data in planning for elimination of the disease, 330
exit, what next? 277
mass use of oral vaccine, a great experiment, 234
review of oral poliovirus vaccines, 439
Poliovirus infection and cerebellar ataxia, 219
Poliovirus vaccine, oral, acceptiveness of two dose schedule, 505
administration, 483
enteroviruses in sewage before and after vaccination, 512
factors influencing acceptance, 455
past experiences of Yale poliomyelitis unit, 439
prior public education, 478
proportion vaccinated, 492
reactions, 498
scope, planning, initial steps, 447
vaccine program, 439-521
Population problems in a contracting world, 60
Practical preparation of ribonuclease-S and the action of subtilisin on ribonuclease-B, 582
Propagation of Group A Coxsackie viruses in tissue cultures. II. Some interactions between virus and mammalian cells, 421
Pulmonary capillary, fluid interchange in lung edema, 75
Pyelonephritis, experimental, renal concentrating in the rat, 52
staphylococcal, and the rat, 40

Quinn, R. W. and Campbell, E. S.: Heart disease in children. A survey of school children in Nashville, Tennessee, 370

Rammelkamp, C. H., Jr. and Stolzer, B. L.: The latent period before the onset of acute rheumatic fever, 386
Reflex, opto-sexual in the duck, 97
Renal clearance of diffusible calcium and regulation by parathyroid glands, 1
concentration in experimental pyelonephritis (rat), 52
glomerular lesions in mice, 70
Respiratory disease, problems, 191
Rheumatic fever, acute, latent period, 386
Ribonuclease-B, action of subtilisin, 582
Ribonuclease-S, practical preparation, 582
Richards, F. M. (see Gordillo, G.)
Riordan, J. T.: The 1961 Middletown oral poliovirus vaccine program. IX. Isolation of enteroviruses from sewage before and after vaccine administration, 512
Rockney, R. (see Kleeman, C. R.)
Rogers, D. E. and Melly, M. A.: Observations on the immunology of pathogenic staphylococci, 560
Rollins, J. M. (see Buchanan, D. L.)

Sabin, A. B.: Poliomyelitis in Brazil, Uruguay, Argentina and Chile. Data of importance in planning for elimination of the disease, 399
Sensory denervation in man, electroencephalographic studies, 592
Sewage, enteroviruses before and after oral poliovirus vaccine, 512
Sexual, photo reflex in the duck, 97
Simonsen reaction (see Immunology)
Smith strain of Staphylococcus aureus, "compact" and "diffuse" variants, 537
Southwick, W. O. (see Chrisman, O. D.)
Splenomegaly, and post-cardiotomy syndrome, 625
Staphylococcal pyelonephritis, experimental in the rat, 40
Staphylococci, factors related to virulence, 537
immunology of pathogenic strains, 560
Stolzer, B. L. (see Rammelkamp, C. H.)
Streptococcal M protein, and renal lesions, 70
Subtilisin, action on ribonuclease-B, 582
Syndrome, post-cardiotomy, 625
Taxonomic position of common cold viruses, 200

Tillack, T. W. and Winter, J. A.: Anomaly of the abducens nerve, 620
Tissue culture, propagation of Coxsackie virus, 421

Uric acid, incorporation of formate in gout, 31
Uruguay, poliomyelitis, 399

Vaccination against measles; Francis Home redivivus, 239